

WHAT IS CLAIMED IS:

1 1. A procedure for therapeutic treatment of human and animal
2 tissues comprising the steps of:
3 identifying the tissue to be treated;
4 sandwiching the identified tissue between one or more pairs of
5 opposed emitter pads in contact with the skin; and
6 applying a biphasic faradic pulse sequence to the pairs of emitter pads
7 to stimulate deep layered muscle contractions in the identified tissues.

1 2. A procedure according to claim 1, said biphasic faradic pulse
2 having a waveform with a duty cycle of approximately a 1.5 seconds on and
3 1.5 seconds off.

1 3. A procedure according to claim 1, said biphasic faradic pulse
2 having a waveform with a repetition frequency of approximately 57 Hz.

1 4. A procedure according to claim 1, said biphasic faradic pulse
2 having a waveform with a pulse width of approximately 110 microseconds.

1 5. A procedure according to claim 1 further comprising the steps
2 of:
3 setting the intensity of the biphasic pulse sequence at an initial level;
4 and
5 incrementally increasing the intensity in response to the tolerance level
6 of the patient.